

EFFECT OF ENTERIC COATED SP-303 ON GUT ESTEROL FLUID ACCUMULATION AT QUANTITATIVE MICE

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Mice #	Alive B.W. (g)	Boat for B.W. (g)	Boat & Mouse (g)	Drugs	Boat for Gut (g)	Boat & Gut & Fluid (g)	Boat & Gut minus (g)	Length of Gut (mm)
A1	17.6	1.576	19.3826	H2O	1.567	3.7764	2.5479	385
A2	18.5	1.578	20.1776	H2O	1.644	3.9275	2.5134	385
A3	17.5	1.578	19.676	H2O	1.550	3.5430	2.3800	415
A4	16.9	1.578	18.6464	H2O	1.519	3.3363	2.5009	420
A5	18.1	1.576	20.1926	H2O	1.597	3.6603	2.5339	380
A6	16.4	1.578	18.2311	H2O	1.598	3.6735	2.4171	415
A7	17.6	1.578	19.5282	H2O	1.582	3.5975	2.5391	430
A8	16.8	1.576	18.1837	H2O	1.533	3.3608	2.3489	380
MEAN	17.4							
STD	0.7							
SE	0.3							
Mice #	Alive B.W. (g)	Boat for B.W. (g)	Boat & Mouse (g)	Drugs	Boat for Gut (g)	Boat & Gut & Fluid (g)	Boat & Gut minus (g)	Length of Gut (mm)
B1	17.4	1.576	18.5643	Coated SP-303	1.532	2.6980	2.4836	420
B2	18.6	1.576	20.0414	Coated SP-303	1.528	3.1300	2.4541	400
B3	17.5	1.576	18.9123	Coated SP-303	1.670	3.3061	2.3187	400
B4	18.5	1.576	18.1737	Coated SP-303	1.621	2.8347	2.5681	370
B5	18.7	1.578	20.4491	Coated SP-303	1.581	2.9332	2.6881	435
B6	16.4	1.578	17.8999	Coated SP-303	1.573	3.4312	2.4347	410
B7	17.8	1.676	19.7143	Coated SP-303	1.679	3.9510	2.6380	436
B8	19.3	1.676	17.9746	Coated SP-303	1.631	3.1673	2.3217	366
MEAN	17.4							
STD	0.9							
SE	0.3							
Mice #	Alive B.W. (g)	Boat for B.W. (g)	Boat & Mouse (g)	Drugs	Boat for Gut (g)	Boat & Gut & Fluid (g)	Boat & Gut minus (g)	Length of Gut (mm)
C1	17.6	1.576	19.6032	Eudragit/Sugar/Gum	1.661	3.6786	2.8118	415
C2	18.3	1.578	18.8448	Eudragit/Sugar/Gum	1.666	3.2143	2.1999	405
C3	17.2	1.578	19.6307	Eudragit/Sugar/Gum	1.485	2.5018	2.2015	400
C4	16.9	1.576	18.6388	Eudragit/Sugar/Gum	1.587	3.4607	2.4888	390
C5	18.7	1.576	20.2664	Eudragit/Sugar/Gum	1.560	3.3440	2.4604	405
C6	16.6	1.578	18.2546	Eudragit/Sugar/Gum	1.571	3.8458	2.5372	410
C7	17.0	1.578	18.7813	Eudragit/Sugar/Gum	1.615	3.7371	2.5677	400
C8	17.0	1.576	18.1595	Eudragit/Sugar/Gum	1.527	3.7258	2.3235	385
MEAN	17.4							
STD	0.7							
SE	0.3							

EFFECT OF ENTERIC COATED SP-303 ON INTESTINAL FLUID ACCUMULATION IN TREATED MICE

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Mouse #	DOB	Age of E. (days)	Enteric Coated Mouse Wt. (g)	Dose	Gut & Fluid (g)	Gut minus Fluid (g)	Length of Gut (mm)	Fluid/Gut (g)
A1		52	17.8	H2O	2.21	0.98	395	1.22
A2		52	18.6	H2O	2.34	0.87	385	1.47
A3		52	18.1	H2O	1.99	0.83	415	1.16
A4		52	17.1	H2O	1.82	0.89	420	0.85
A5	date redacted	52	18.6	H2O	2.05	0.94	390	1.12
A6		52	16.7	H2O	2.09	0.82	415	1.26
A7		52	18.0	H2O	2.02	0.86	430	1.05
A8		52	16.6	H2O	1.83	0.82	380	1.11
MEAN			17.7		2.04	0.88	404	1.14
STD			0.9		0.18	0.07	18	0.26
SE			0.3		0.06	0.03	7	0.09
Mouse #			Mouse Wt. (g)	Dose	Gut & Fluid (g)	Gut minus Fluid (g)	Length of Gut (mm)	Fluid/Gut (g)
B1		52	17.0	Coated SP-303	1.28	0.95	420	0.32
B2		52	18.5	Coated SP-303	1.60	0.82	400	0.68
B3		52	17.3	Coated SP-303	1.64	0.83	400	0.99
B4		52	16.6	Coated SP-303	1.21	0.95	370	0.27
B5	date redacted	52	18.9	Coated SP-303	1.37	1.11	435	0.26
B6		52	16.3	Coated SP-303	1.86	0.98	410	1.00
B7		52	16.1	Coated SP-303	1.47	1.06	435	0.41
B8		52	16.4	Coated SP-303	1.62	0.79	365	0.83
MEAN			17.4		1.51	0.91	404	0.59
STD			1.0		0.21	0.15	27	0.22
SE			0.3		0.08	0.05	9	0.11
Mouse #			Mouse Wt. (g)	Dose	Gut & Fluid (g)	Gut minus Fluid (g)	Length of Gut (mm)	Fluid/Gut (g)
C1		52	17.9	Enteric/Sugar/Gum	2.03	0.98	415	1.07
C2		52	17.4	Enteric/Sugar/Gum	1.65	0.83	405	1.01
C3		52	18.4	Enteric/Sugar/Gum	1.92	0.82	400	0.19
C4		52	17.3	Enteric/Sugar/Gum	1.87	0.88	380	1.00
C5	date redacted	52	18.7	Enteric/Sugar/Gum	1.76	0.91	405	0.85
C6		52	16.7	Enteric/Sugar/Gum	2.07	0.96	410	1.11
C7		52	17.2	Enteric/Sugar/Gum	2.12	0.85	400	1.16
C8		52	17.6	Enteric/Sugar/Gum	2.19	0.72	385	1.72
MEAN			17.6		1.94	0.86	401	1.08
STD			0.7		0.28	0.11	10	0.36
SE			0.2		0.11	0.04	4	0.10

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Mouse #	Eutharize Mouse Wt. (g)	Drugs	Gut & Fluid (g)	Gut minus Fluid (g)	Length of Gut (mm)	Fluid (g)	Eutharize Fluid/Gut (g)
A1	17.0	H2O	2.21	0.98	395	1.23	1.25
A2	18.6	H2O	2.34	0.87	385	1.47	1.69
A3	18.1	H2O	1.99	0.83	415	1.16	1.40
A4	17.1	H2O	1.82	0.98	420	0.84	0.85
A5	18.6	H2O	2.05	0.94	390	1.12	1.19
A6	16.7	H2O	2.08	0.82	415	1.26	1.53
A7	18.0	H2O	2.02	0.96	430	1.06	1.11
A8	16.6	H2O	1.83	0.82	380	1.01	1.24
MEAN	17.7		2.04	0.90	404	1.14	1.28
STD	0.8		0.18	0.07	18	0.19	0.26
SE	0.3		0.06	0.03	7	0.07	0.09
Mouse #	Eutharize Mouse Wt. (g)	Drugs	Gut & Fluid (g)	Gut minus Fluid (g)	Length of Gut (mm)	Fluid (g)	Fluid/Gut (g)
B1	17.0	Coated SP-303	1.28	0.95	420	0.32	0.34
B2	18.5	Coated SP-303	1.60	0.93	400	0.68	0.73
B3	17.3	Coated SP-303	1.64	0.65	400	0.99	1.52
B4	16.6	Coated SP-303	1.21	0.95	370	0.27	0.28
B5	18.9	Coated SP-303	1.37	1.11	435	0.26	0.24
B6	16.3	Coated SP-303	1.86	0.86	410	1.00	1.16
B7	18.1	Coated SP-303	1.47	1.06	435	0.41	0.39
B8	16.4	Coated SP-303	1.62	0.79	365	0.83	1.04
MEAN	17.4		1.51	0.91	404	0.60	0.71
STD	1.0		0.21	0.15	27	0.32	0.48
SE	0.3		0.08	0.05	9	0.11	0.17
Mouse #	Eutharize Mouse Wt. (g)	Drugs	Gut & Fluid (g)	Gut minus Fluid (g)	Length of Gut (mm)	Fluid (g)	Fluid/Gut (g)
C1	17.9	Eudragit/Sugar/Gum	2.03	0.98	415	1.07	1.11
C2	17.4	Eudragit/Sugar/Gum	1.65	0.63	405	1.01	1.60
C3	18.4	Eudragit/Sugar/Gum	1.02	0.82	400	0.19	0.24
C4	17.3	Eudragit/Sugar/Gum	1.87	0.88	390	1.00	1.14
C5	18.7	Eudragit/Sugar/Gum	1.76	0.91	405	0.85	0.94
C6	16.7	Eudragit/Sugar/Gum	2.07	0.96	410	1.11	1.16
C7	17.2	Eudragit/Sugar/Gum	2.12	0.95	400	1.17	1.24
C9	17.9	Eudragit/Sugar/Gum	2.19	0.79	385	1.40	1.70
MEAN	17.6		1.84	0.86	401	0.98	1.19
STD	0.7		0.38	0.11	10	0.35	0.46
SE	0.2		0.13	0.04	4	0.13	0.16

